

FISCHER AUTOMATION

SEW PERFECTLY - AUTOMATICALLY

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FLATSEAMER FOR PROCESSING TECHNICAL TEXTILES

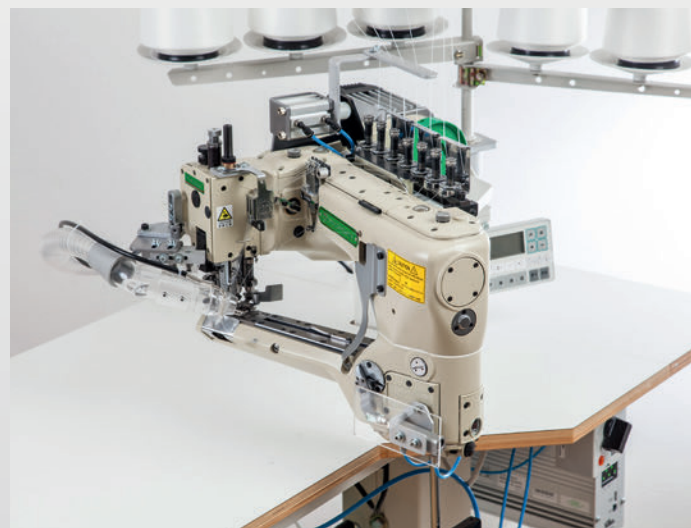
The processing of heavy, technical textiles presents special challenges.

FISCHER AUTOMATION's five-needle flatseamer is a specialized sewing machine for the increased quality requirements of technical textiles such as filter textiles and heavy materials for high-performance applications.

The solution

The machine is based on an in-house development in which a standard flatseamer was comprehensively modified. In order to increase the seam width, five needles were used instead of four. At least two needles are in the material on either side, which leads to greater tear resistance and seam tightness under high stress conditions. The machine was also adapted specifically for the processing of specialized threads, such as glass fiber, and for the processing of technical textiles.

The dual differential feed mechanism results in optimal seams every time. The five-needle flatseamer is available in models suited to butted seams as well as cutting on one side or both sides.



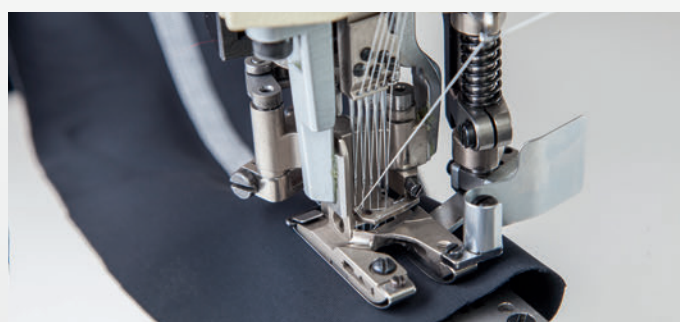
The benefits

FISCHER AUTOMATION's five-needle flatseamer for the challenging processing of technical textiles scores points with:

- Increased quality due to greater seam strength in comparison with conventional seams (one more needle in the material)
- Shortened production time due to sewing on a high-performance sewing machine
- Stand with electrical or manual height adjustment for improved ergonomics
- Automatic chain cutter (optional)
- Pneumatic tape cutter with photocell control and tape feed (optional)

Technical specifications

8 mm seam width (otherwise usually only 6 mm)
Stitch length continuously adjustable from 1.6 – 2.5 mm
Dual differential system, optionally pneumatic
Servo motor



FISCHER AUTOMATION GmbH

FISCHER AUTOMATION is set apart by over 60 years of experience in providing automation solutions to the sewing and textile industries. The company develops and produces custom high-quality industrial sewing equipment for a wide variety of applications. Uses range from the processing of medical and technical textiles to clothing and even home textiles.

For sewing processes, the optimal industrial sewing machine is selected for each application, irrespective of manufacturer, and is then adapted to requirements and delivered worldwide. The company works with well-known manufacturers, such as Kansai, Brother, Yamato, Juki, UnionSpecial, Pegasus, Pfaff, Megasew, and many others. This allows FISCHER AUTOMATION to provide cost conscious, high quality and innovative solutions that enable its customers to "Sew perfectly – automatically".

FISCHER AUTOMATION is a highly competent company with many years of experience in the manufacture of customized systems and machines in the areas of textile cutting and separation technology as well as in the automation of packaging and labeling processes.

Investments in technology, production facilities, and research and development, as well as collaboration with universities and research institutions, are essential growth factors for the FISCHER AUTOMATION team.

Contact details

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